Reply to Office Action of Oct. 13, 2009

ATTACHMENT - SPECIFICATION Amendments to the Specification

Please replace the paragraph at page 2, lines 9-20 with the following amended paragraph.

The invention is based on that an apparatus operating in the electric net is in a way divided into two parts, of which the first part comprises most suitably the equipment to form and adjust the signal and the second part comprises a transmitter a remote unit, hereafter called TX/REMU. The transmitter remote unit TX/REMU is placed as close as possible to the wall outlet of an electric net 230 V, 50 Hz or to a phase and zero rail for instance in a fuse box. The length of the connecting cable is held as small as possible, e.g. L_W is under 5 meters or more suitably under 3 meters or even under 1 meter, as shown in FIG. 4. Possibly the transmitter remote unit TX/REMU can be placed in the voltage rail or even plugged in a wall outlet, if regulations allow. Then there is no connecting cable and the L_W is 0 meter. The first part of the apparatus can be placed even far from the remote unit, the distance can be tens or even hundreds of meters. On the other hand the first part can be placed also close to the remote unit, even as a common unit with the remote unit.